

HARVEST STATISTICS FOR THE 1989 COMMERCIAL SALMON
FISHERY OF UPPER COOK INLET, ALASKA

By

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LIST OF TABLES

<u>Table</u>	<u>Page</u>
1. Catch by gear type and species, Upper Cook Inlet, 1989	2
2. Catch by date and species for drift gill nets, statistical area 245-10, 1989	3
3. Catch by date and species for set gill nets, statistical area 244-21, 1989	4
4. Catch by date and species for set gill nets, statistical area 244-22, 1989	5
5. Catch by date and species for set gill nets, statistical area 244-30, 1989	6
6. Catch by date and species for set gill nets, statistical area 244-40, 1989	7
7. Catch by date and species for set gill nets, statistical area 245-10, 1989	8
8. Catch by date and species for set gill nets, statistical area 245-20, 1989	9
9. Catch by date and species for set gill nets, statistical area 245-30, 1989	10
10. Catch by date and species for set gill nets, statistical area 245-40, 1989	11
11. Catch by date and species for set gill nets, statistical area 245-50, 1989	12
12. Catch by date and species for set gill nets, statistical area 245-55, 1989	13
13. Catch by date and species for set gill nets, statistical area 245-60, 1989	14
14. Catch by date and species for set gill nets, statistical area 246-10, 1989	15
15. Catch by date and species for set gill nets, statistical area 246-20, 1989	16
16. Catch by date and species for set gill nets, statistical area 247-10, 1989	17

LIST OF TABLES (Continued)

<u>Table</u>	<u>Page</u>
17. Catch by date and species for set gill nets, statistical area 247-20, 1989	18
18. Catch by date and species for set gill nets, statistical area 247-30, 1989	19
19. Catch by date and species for set gill nets, statistical area 247-41, 1989	20
20. Catch by date and species for set gill nets, statistical area 247-42, 1989	21
21. Catch by date and species for set gill nets, statistical area 247-43, 1989	22
22. Catch by date and species for set gill nets, statistical area 247-50, 1989	23
23. Catch by date and species for set gill nets, statistical area 247-70, 1989	24
24. Catch by date and species for set gill nets, statistical area 247-80, 1989	25
25. Catch by date and species for set gill nets, statistical area 247-90, 1989	26

LIST OF FIGURES

<u>Figure</u>	<u>Page</u>
1. Upper Cook Inlet salmon districts	27
2. Upper Cook Inlet statistical area map	28

INTRODUCTION

The Upper Cook Inlet management area consists of that portion of Cook Inlet north of the latitude of Anchor Point and is divided into the Central and Northern Districts (Figure 1). The Central District is approximately 75 miles long, averages 30 miles wide and is further subdivided into six subdistricts. The Northern District is over 50 miles long, averages 20 miles in width and is divided into two subdistricts. All five species of Pacific salmon (*Oncorhynchus*) are commercially harvested in Upper Cook Inlet.

This regional information report gives catch and effort statistics for the Upper Cook Inlet management area for the 1989 season. These statistics are a compilation of fish tickets written by buyers and processors for the commercial sale of salmon. The database was created and managed using the fish ticket reporting system developed by Computer Services section of the Division of Commercial Fisheries.

Catch statistics are sorted by gear type, statistical area (Figure 2), date and species. There are three legal gear types in Upper Cook Inlet. Set gill nets are the only legal gear allowed in the Northern District while drift and set gill nets are allowed in the Central District. Purse seines are allowed only in the Chinitna Bay subdistrict of the Central District. No listing is provided here for a purse seine catch in 1989 as no effort by this gear type was documented. Also noted is the lack of any catch by drift gill nets other than a minor harvest from Chinitna Bay (245-10). This paucity of harvest was the result of a season-long closure of drift gill net fishing necessitated by oil contamination of the off-shore waters of the Central District following the grounding of the EXXON VALDEZ in Prince William Sound.

Table 2. Commercial salmon catch by date and species for drift gill nets, statistical area 245-10, 1989.

C CATCH MM/DD	CHINOOK		SOCKEYE		COHO		PINK		CHUM	
	PERMITS	LANDINGS	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS
08/28	5	5			2	15	531	4,237		
09/04	3	3			1	4	212	1,815	1	3
TOTALS	5	8			3	19	743	6,052	1	3
AVERAGE						6.33		8.15		3.00
									72	457
										6.35

Table 7. Commercial salmon catch by date and species for set gill nets, statistical area 245-10, 1989.

CATCH MM/DD	CHINOOK			SOCKEYE			COHO			PINK			CHUM	
	PERMITS	LANDINGS	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS
06/26	3	3	1	16	173	1,121			2	6	17	121		
06/30	2	2	2	12	711	4,681			15	42	66	584		
07/03	2	2			595	3,941			7	21	52	404		
07/07	3	3	5	84	459	2,911		16	110	30	95	121		939
07/10	3	3			164	1,016			47	153	131	1,109		
07/14	2	2			181	1,022		4	25	24	85	112		804
07/17	3	3			90	513		9	49	56	164	173		1,317
07/21	3	3	1	10	89	537		26	154	34	123	357		2,631
07/24	4	4	1	30	467	2,957		136	866	93	339	724		5,373
07/28	1	1	1	7	56	240		35	220	44	150	105		791
07/31	1	1			29	143		442	2,847	42	138	1,536		11,298
08/04	2	2			11	58		157	1,053	13	39	780		5,786
08/07	3	3	1	8	15	85		259	1,753	35	127	2,067		12,888
08/11	3	3			22	103		1,039	7,050	19	57	1,681		10,453
08/28	2	3			1	1		993	7,860			64		279
09/04	2	2			3	15		418	2,696			10		47
TOTALS	8	40	12	167	3,066	19,344	3,534	24,683	461	1,539	7,996	54,824		
AVERAGE				13.92		6.31		6.98		3.34		6.86		

8

ACE 6208495

Table 8. Commercial salmon catch by date and species for set gill nets, statistical area 245-20, 1989.

CATCH MM/DD	CHINOOK			SOCKEYE			COHO		PINK			CHUM	
	PERMITS	LANDINGS	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS	
06/16	2	2	9	259	59	345					3	24	
06/19	3	3	24	562	33	225					2	17	
06/23	3	3	9	192	119	833					1	8	
06/26	2	2	6	156	205	1,349					1	9	
06/30	3	3	9	108	528	3,435	2	12	6	20	2	17	
07/03	3	3	4	31	266	1,717	3	20	5	15	1	8	
07/07	3	3	2	51	377	2,441	5	37	9	26	1	9	
07/10	3	3	1	34	488	3,117	21	161	59	179	4	37	
07/14	4	4	5	39	458	3,005	4	27	6	21	3	22	
07/17	4	4	1	27	46	287	7	43	27	85	11	83	
07/21	5	5	2	11	256	1,536	25	165	35	103	17	148	
07/24	5	5	3	114	234	1,391	138	849	120	352	58	489	
07/28	5	6	1	22	417	2,517	93	648	79	225	265	2,247	
07/31	4	4	2	27	61	328	76	503	21	67	60	479	
08/04	4	4	1	34	146	874	168	1,103	25	76	170	1,197	
08/07	4	4			80	412	295	1,964	16	55	69	495	
08/11	2	2			58	345	77	540	6	11	4	30	
08/14	4	4			17	95	180	1,313	9	31	21	156	
08/18	4	4	1	21	6	24	465	3,428	2	7	16	115	
08/21	4	7	1	9	6	35	755	5,779	3	12	10	66	
08/23	4	4			5	31	826	6,557					
08/25	4	5			1	6	769	5,847	6	29			
08/28	3	3			1	6	618	4,853			2	12	
08/30	4	4			3	15	824	6,593			3	22	
09/04	4	4					869	6,604					
09/06	3	3					455	3,671					
09/08	3	3					326	2,675					
09/11	4	4					223	1,798			2	15	
09/13	4	4					225	1,770					
09/15	2	2					162	1,219					
TOTALS	11	111	81	1,697	3,870	24,369	7,611	58,179	435	1,317	723	5,680	
AVERAGE				20.95		6.30		7.64		3.03		7.86	

ACE 6208496

6

Table 10. Commercial salmon catch by date and species for set gill nets, statistical area 245-40, 1989.

CATCH MM/DD	PERMITS	LANDINGS	CHINOOK NUMBER	POUNDS	Sockeye NUMBER	POUNDS	Coho NUMBER	POUNDS	Pink NUMBER	POUNDS	Chum NUMBER	POUNDS
06/16	5	5	21	476	46	297						
06/19	6	6	109	2,464	128	697						
06/23	5	5	142	3,414	134	745					1	7
06/26	5	5	79	2,081	365	2,238			2	8	1	4
06/30	5	5	26	707	389	2,578			8	24	2	13
07/03	3	3	7	177	585	3,825			2	6		
07/07	4	4	27	907	429	2,575	1	7	12	34	8	68
07/10	5	5	15	541	624	3,556	13	83	40	122	4	42
07/14	5	5	9	169	984	5,726	12	71	36	104	11	78
07/17	5	5	8	177	1,372	7,504	54	345	46	128	67	596
07/21	5	5	4	120	1,850	10,715	52	321	27	78	94	817
07/24	5	5	2	65	2,226	12,102	196	1,184	64	202	175	1,032
07/28	5	5	3	55	2,967	16,248	219	1,334	24	67	248	1,970
07/31	5	5	4	131	1,790	9,390	377	2,334	21	76	598	4,909
08/04	5	5	1	38	989	4,798	345	2,117	9	39	885	6,685
08/07	5	5			779	3,816	526	3,297	9	30	519	3,925
08/11	5	5			228	1,036	336	2,142	3	10	415	2,780
08/14	3	3			274	1,158	657	4,324	8	30	467	3,173
08/18	1	1			2	11	59	415			118	761
08/21	3	3			3	15	358	2,302			28	178
08/23	1	1			16	122					9	62
08/25	2	2			2	9	159	1,009			22	165
08/28	1	1			1	7	83	586			1	4
09/04	1	1					24	169			19	127
09/06	1	1			1	5	20	192				
TOTALS	12	96	457	11,522	16,184	89,173	3,491	22,232	311	958	3,692	27,396
AVERAGE				25.21		5.51		6.37		3.08		7.42

Table 11. Commercial salmon catch by date and species for set gill nets, statistical area 245-50, 1989.

CATCH MM/DD	CHINOOK			SOCKEYE			COHO			PINK			CHUM	
	PERMITS	LANDINGS	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS
06/16	1	1	8	67	5	20								
06/19	3	3	37	615	196	910								
06/23	2	2	65	1,080	127	623								
06/26	2	2	21	496	80	421								
06/30	2	2	7	175	192	1,086								
07/03	2	2	1	41	105	578	1	7						
07/07	2	2	12	345	295	1,688	7	45	17	55				
07/10	2	2			171	958	12	84	27	81	2	14		
07/14	2	2			151	824	9	53	12	38	2	15		
07/17	1	1			483	2,526	18	128	16	50	10	95		
07/21	2	2			1,047	5,345	338	2,062	44	126	7	64		
07/24	1	1			784	3,910	198	1,239	51	160	35	303		
07/28	2	2			1,241	5,985	359	2,253	59	203	49	271		
07/31	2	2			907	4,406	924	5,668	13	40	67	527		
08/04	2	2	1	53	720	3,185	542	3,741	5	16	99	808		
08/07	2	2			302	1,265	473	3,066	1	3	101	626		
08/11	1	1			9	47	23	136			1	7		
08/14	2	2			341	1,242	544	3,575	1	3	34	282		
08/18	3	4			91	434	1,082	7,107			165	1,040		
08/21	2	2			71	253	819	5,762			27	187		
08/23	1	1			12	51	104	642			3	23		
08/25	1	1			6	25	118	733			1	6		
08/28	1	1			12	48	138	1,016			8	32		
08/30	2	2	1	12	22	132	270	2,010						
09/01	1	1			42	228	73	550			1	6		
TOTALS	9	45	153	2,884	7,412	36,190	6,052	39,877	253	797	612	4,306		
AVERAGE				18.85		4.88		6.59		3.15		7.04		

Table 12. Commercial salmon catch by date and species for set gill nets, statistical area 245-55, 1989.

CATCH MM/DD	CHINOOK				SOCKEYE		COHO		PINK		CHUM	
	PERMITS	LANDINGS	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS
05/26	21	22	128	3,559	142	793						
05/29	19	22	162	4,493	236	1,302						
05/31	24	26	146	3,712	389	2,111						
06/02	19	19	83	1,745	259	1,402						
06/05	20	21	78	1,888	968	4,544						
06/07	21	21	52	1,065	597	3,003						
06/09	13	14	48	975	238	1,179						
06/12	13	13	49	1,202	283	1,514					1	6
06/14	13	13	32	801	90	475						
06/16	5	6	40	766	299	1,417						
06/19	4	4	32	683	139	695						
06/21	4	5	77	1,633	347	1,674						
06/23	4	4	32	836	209	977						
06/26	2	2	38	841	208	1,049						
06/30	1	1	4	57	109	437	1	6	2	6		
07/03	2	2	1	14	32	168						
07/07	1	1	1	21	183	787	6	38	2	8		
07/10	1	1	1	27	113	507	14	89	6	20	1	6
07/14	1	1			191	775	50	350	10	34		
07/17	2	2			611	3,267	592	4,043	27	91		
07/19	2	2			50	222	71	408				
07/21	1	1			89	481	58	350	4	12		
07/24	2	2	1	22	727	3,712	1,183	7,186	33	101		
07/25	1	1			147	827	337	2,308				
07/26	3	3			370	1,790	1,306	8,524	18	54	1	8
07/28	2	2	1	17	512	2,789	826	5,167	24	81	18	137
07/31	2	2	2	38	459	2,695	1,011	6,365	7	21	25	177
08/04	1	1			30	134	266	1,588				
08/07	1	1	4	90	32	204	424	2,848	6	15	35	245
TOTALS	45	215	1,012	24,485	8,059	40,930	6,145	39,270	139	443	81	579
AVERAGE				24.19		5.08		6.39		3.19		7.15

Table 13. Commercial salmon catch by date and species for set gill nets, statistical area 245-60, 1989.

CATCH MM/DD	PERMITS	CHINOOK		SOCKEYE		COHO		PINK		CHUM	
		LANDINGS	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER
06/26	3	3	95	1,742	37	216	2	15			1
06/30	3	3	16	280	96	580	3	15			9
07/03	1	1	1	17	28	154					1
07/07	2	2	3	48	159	958	21	125	2	5	2
07/10	2	2	4	59	218	1,426	36	226	7	26	
07/14	3	4			1,754	11,396	73	462	6	18	
07/15	7	12	1	28	3,703	24,967	197	1,301	18	56	1
07/16	4	6			1,886	11,739	107	801	9	32	
07/17	6	7			1,550	10,025	147	1,016	40	141	
07/18	5	7	2	28	1,290	7,884	132	856	23	68	1
07/19	5	6	1	14	1,128	7,161	223	1,346	11	38	1
07/20	6	10			4,360	26,923	522	3,265	36	111	
07/21	5	9	1	22	1,917	11,822	243	1,212	20	36	
07/22	6	8	1	30	2,979	20,262	546	3,329	32	82	2
07/23	7	7	1	39	2,677	16,647	671	4,162	48	178	
07/24	7	10	1	27	3,267	21,813	624	4,619	75	253	4
07/25	2	2	1	13	954	5,853	221	1,416	6	18	
07/26	6	10			2,208	13,407	785	5,107	49	136	5
07/28	6	9			719	4,062	856	5,654	37	117	4
07/31	3	3			415	2,695	648	4,243	10	39	6
08/04	5	6			290	1,703	520	3,416	5	18	6
08/07	5	6	1	25	261	1,598	1,213	8,164	4	15	13
08/11	5	5	1	10	114	689	1,524	9,908	1	4	41
08/14	5	5	1	23	120	777	526	3,314	5	20	11
08/18	4	5	1	27	24	137	233	1,615	1	4	4
08/21	4	5			27	169	682	4,670	3	12	6
08/23	3	3			16	102	379	2,655			51
08/30	2	2					189	1,323			
TOTALS	14	158	132	2,432	32,197	205,165	11,323	74,235	448	1,427	113
AVERAGE				18.42		6.37		6.56		3.19	6.55

Table 15. Commercial salmon catch by date and species for set gill nets, statistical area 246-20, 1989.

CATCH MM/DD	PERMITS	LANDINGS	CHINOOK		SOCKEYE		COHO		PINK		CHUM	
			NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS
06/26	4	4	97	1,652	1,017	5,960						
06/30	4	4	6	74	478	2,752						
07/03	4	4	2	79	374	2,108	2	13	3	9		
07/07	4	4	6	229	515	2,948	29	214	18	51		
07/10	4	4	6	197	526	3,022	39	240	49	176		
07/14	4	4	4	94	2,708	16,825	201	1,343	40	133	6	43
07/15	4	4	4	46	1,991	12,173	212	1,436	60	195	2	17
07/16	4	7	5	189	2,268	13,726	255	1,716	75	261	19	150
07/17	4	4	4	143	703	4,172	145	952	37	140	2	14
07/18	2	2	1	41	366	1,959	49	306	22	71		
07/19	2	4	6	137	2,383	14,302	756	4,912	36	105	13	97
07/20	3	4	4	64	3,107	18,824	652	4,099	36	138	7	57
07/21	3	3	2	48	1,248	7,122	276	1,728	40	150	3	19
07/22	4	5			1,668	10,257	659	4,233	42	145	38	284
07/23	3	3	1	29	1,468	8,513	769	4,866	98	319	6	42
07/24	3	3			1,227	7,501	309	2,018	44	157	6	45
07/26	3	6			2,165	12,637	766	5,118	27	94	19	136
07/28	3	3	2	25	1,263	7,975	880	5,606	30	112	16	105
07/31	3	3			7,030	44,037	2,724	17,244	95	293	67	386
08/04	3	3			1,429	8,263	917	5,856	35	126	22	145
08/07	2	2			455	2,841	621	4,352			8	46
08/11	3	3			288	1,552	401	2,844			4	30
08/14	3	3			248	1,372	205	1,426			5	29
08/18	1	1			66	351	54	324				
08/21	3	3			64	361	372	2,551	2	6	3	15
08/25	2	2			21	81	79	563				
09/06	1	1			7	35	20	154				
TOTALS	11	93	150	3,047	35,083	211,669	11,392	74,114	789	2,681	246	1,660
AVERAGE				20.31		6.03		6.51		3.40		6.75

Table 16. Commercial salmon catch by date and species for set gill nets, statistical area 247-10, 1989.

CATCH MM/DD	CHINOOK			SOCKEYE			COHO		PINK		CHUM	
	PERMITS	LANDINGS	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS
06/05	16	22	472	9,090	149	969						
06/12	24	31	1,612	33,693	265	1,456						
06/19	19	20	656	13,722	66	321						
06/26	16	17	345	5,714	33	158						
06/30	8	8	82	1,051	79	485	3	24	1	3	5	37
07/03	8	9	28	668	128	754	9	64	2	6	15	112
07/07	9	10	18	301	647	3,990	111	695	58	170	3	25
07/10	9	10	16	208	474	2,840	179	1,113	162	473	8	50
07/14	13	23	11	135	7,180	50,894	1,145	7,494	331	1,053	225	1,724
07/15	11	25	8	187	9,629	67,583	1,321	9,308	305	941	143	1,240
07/17	17	24	2	32	3,634	24,262	766	4,816	564	1,732	49	384
07/21	21	26	2	30	5,779	35,382	1,354	8,631	429	1,393	213	1,575
07/24	14	18	2	55	1,701	10,962	967	6,014	243	785	68	522
07/28	12	19	1	7	1,269	7,266	2,271	14,247	284	884	306	2,179
07/31	14	19	1	12	1,369	8,539	2,529	16,544	167	531	194	1,412
08/04	12	14			487	2,702	1,545	9,238	71	226	135	876
08/07	9	12			486	2,752	1,840	12,050	62	198	278	1,814
08/08	2	2			48	268	242	1,479	17	57	15	84
08/11	7	9	1	20	151	938	1,054	7,638	18	59	116	677
08/14	7	9			178	973	1,003	5,833	8	26	79	484
08/18	2	2			3	21	81	420	2	5		
TOTALS	49	329	3,257	64,925	33,755	223,515	16,420	105,608	2,725	8,548	1,852	13,195
AVERAGE				19.93		6.62		6.43		3.14		7.12

Table 18. Commercial salmon catch by date and species for set gill nets, statistical area 247-30, 1989.

CATCH MM/DD	CHINOOK				SOCKEYE				COHO				PINK				CHUM			
	PERMITS	LANDINGS	NUMBER	POUNDS		NUMBER	POUNDS			NUMBER	POUNDS				NUMBER	POUNDS				
06/05	20	20	1,035	21,033		21	130										1	7		
06/12	22	23	1,618	29,187		9	49													
06/19	25	28	694	13,507		8	49													
06/26	11	11	146	2,373		9	48										2	21		
06/30	5	5	64	1,033		29	166									16	145			
07/03	3	3	12	198		21	132		4		24					4	30			
07/07	7	7	6	130		455	2,996		44		271					108	849			
07/10	13	14	10	184		797	5,962		191		1,206					48	377			
07/14	1	1				313	2,088		40		288					52	387			
07/15	21	28	10	215		3,213	20,543		315		2,001					742	5,812			
07/17	24	58	22	417		16,244	107,237		4,365		28,847					1,789	13,879			
07/21	27	52	19	332		18,552	117,514		12,174		76,710					3,266	25,012			
07/24	21	39	5	85		7,390	45,896		6,708		44,729					5,696	42,266			
07/28	23	43	9	200		4,107	24,949		16,710		107,012					6,874	47,704			
07/31	26	49	5	74		1,702	10,490		8,949		56,731					6,984	47,697			
08/04	20	33	4	62		418	2,487		2,846		17,809					1,970	12,907			
08/07	12	18	2	31		312	1,876		2,887		18,239					1,913	12,356			
08/11	5	5	2	60		139	732		2,178		14,061					589	3,688			
08/21	1	1							62		420									
TOTALS	40	438	3,663	69,121		53,739	343,344		57,473		368,348					30,054	213,137			
AVERAGE				18.87			6.39				6.41					3.21	7.09			

19

ACE 6208506

Table 19. Commercial salmon catch by date and species for set gill nets, statistical area 247-41, 1989.

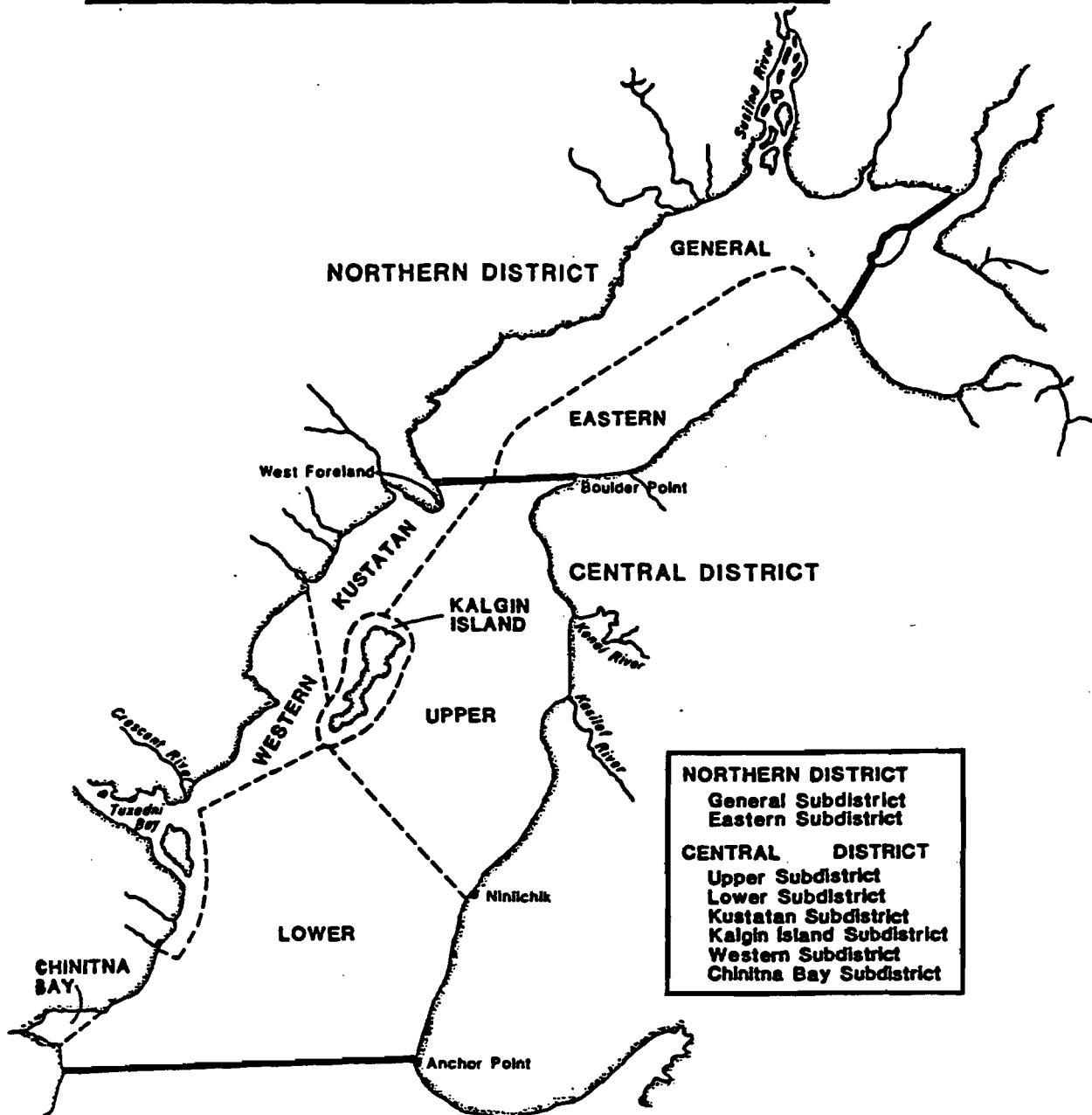
CATCH MM/DD	CHINOOK				SOCKEYE				COHO				PINK				CHUM	
	PERMITS	LANDINGS	NUMBER	POUNDS		NUMBER	POUNDS			NUMBER	POUNDS				NUMBER	POUNDS		
06/05	9	9	469	10,306		15	106											
06/12	7	7	125	2,555		38	228											
06/19	2	2	13	288		1	5											
07/03	1	1	1	28		17	137			2	14		1	4		10	72	
07/07	1	1	1	21		18	71			6	50		4	14		28	466	
07/10	2	2				39	173			4	30		84	237		11	80	
07/15	6	7	1	32		867	4,980			65	372		4	12		121	1,007	
07/17	8	9	1	20		2,067	11,717			160	1,143		105	317		509	3,818	
07/21	7	11	2	46		2,309	14,525			373	2,473		133	427		904	7,494	
07/24	3	4				710	4,515			545	3,460		106	354		483	3,475	
07/31	8	8	1	30		388	1,910			1,206	8,182		226	703		1,185	8,931	
08/04	6	7	1	25		333	1,678			1,640	11,318		66	197		889	6,327	
08/07	1	1				33	165			206	1,649					56	450	
08/11	2	2				37	200			655	4,747		2	8		275	1,750	
08/14	6	6				17	73			739	5,638		7	21		115	762	
08/18	1	1				2	9			42	294					3	21	
08/23	1	1								131	910					4	25	
TOTALS	17	79	615	13,351		6,891	40,492			5,774	40,280		738	2,294		4,593	34,678	
AVERAGE				21.71			5.88				6.98			3.11			7.55	

Table 22. Commercial salmon catch by date and species for set gill nets, statistical area 247-50, 1989.

CATCH MM/DD	CHINOOK			SOCKEYE			COHO			PINK			CHUM	
	PERMITS	LANDINGS	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS
07/24	15	28	2	40	11,778	58,532	346	2,026	31	91	290	2,259		
07/25	27	56	1	38	13,827	68,445	738	4,400	84	235	756	5,774		
07/26	19	36	1	20	7,558	36,148	856	5,281	63	192	697	5,181		
07/27	22	40			6,750	31,422	1,190	7,106	121	350	763	5,568		
07/28	18	26			3,807	18,349	1,324	8,114	95	278	957	6,916		
07/29	22	38			4,205	19,560	1,621	9,261	151	453	1,516	10,938		
TOTALS	30	224	4	98	47,925	232,456	6,075	36,188	545	1,599	4,979	36,636		
AVERAGE				24.50		4.85		5.96		2.93		7.36		

Figure 1.

UPPER COOK INLET SALMON DISTRICTS



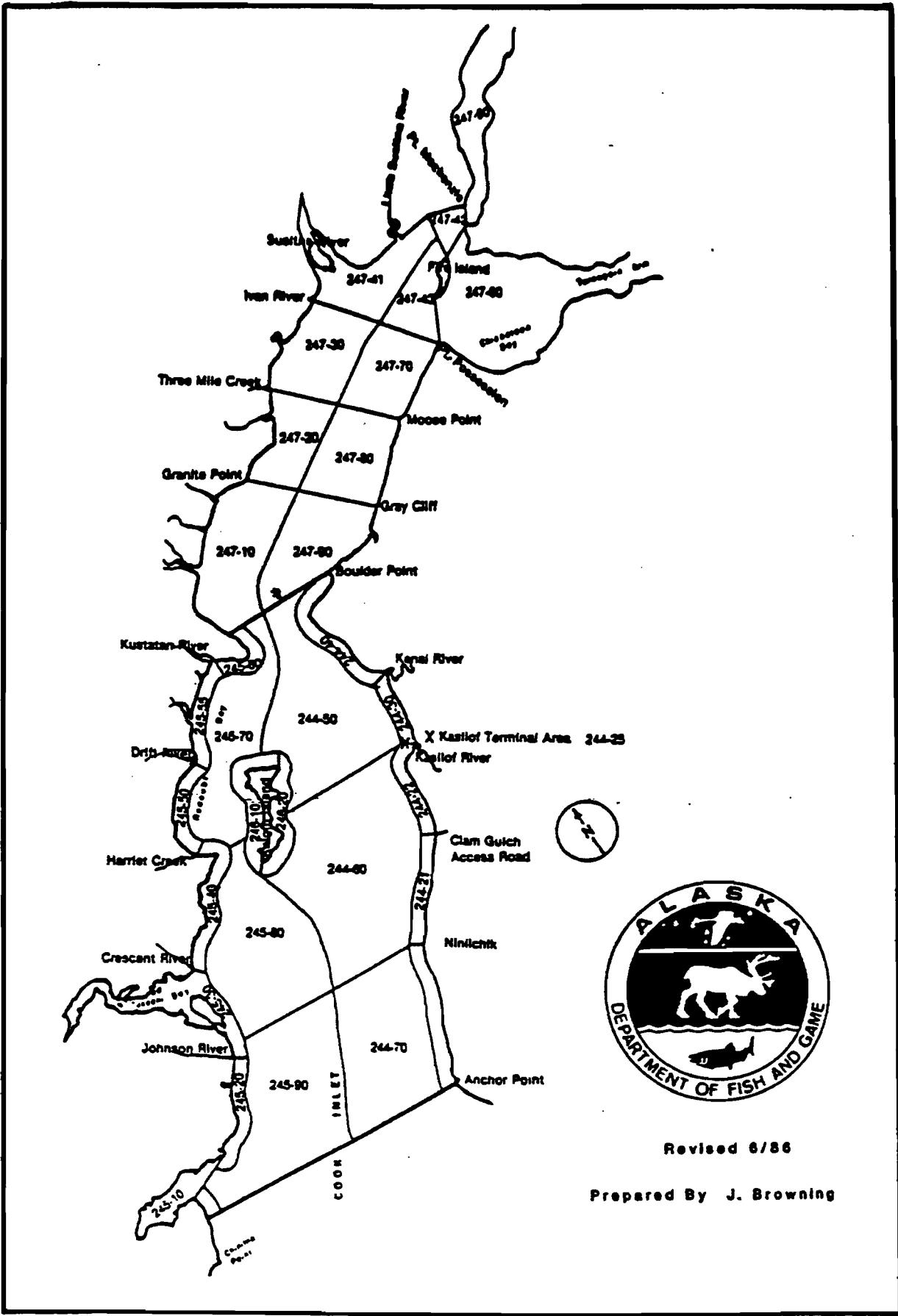


Figure 2. Upper Cook Inlet statistical area map.

